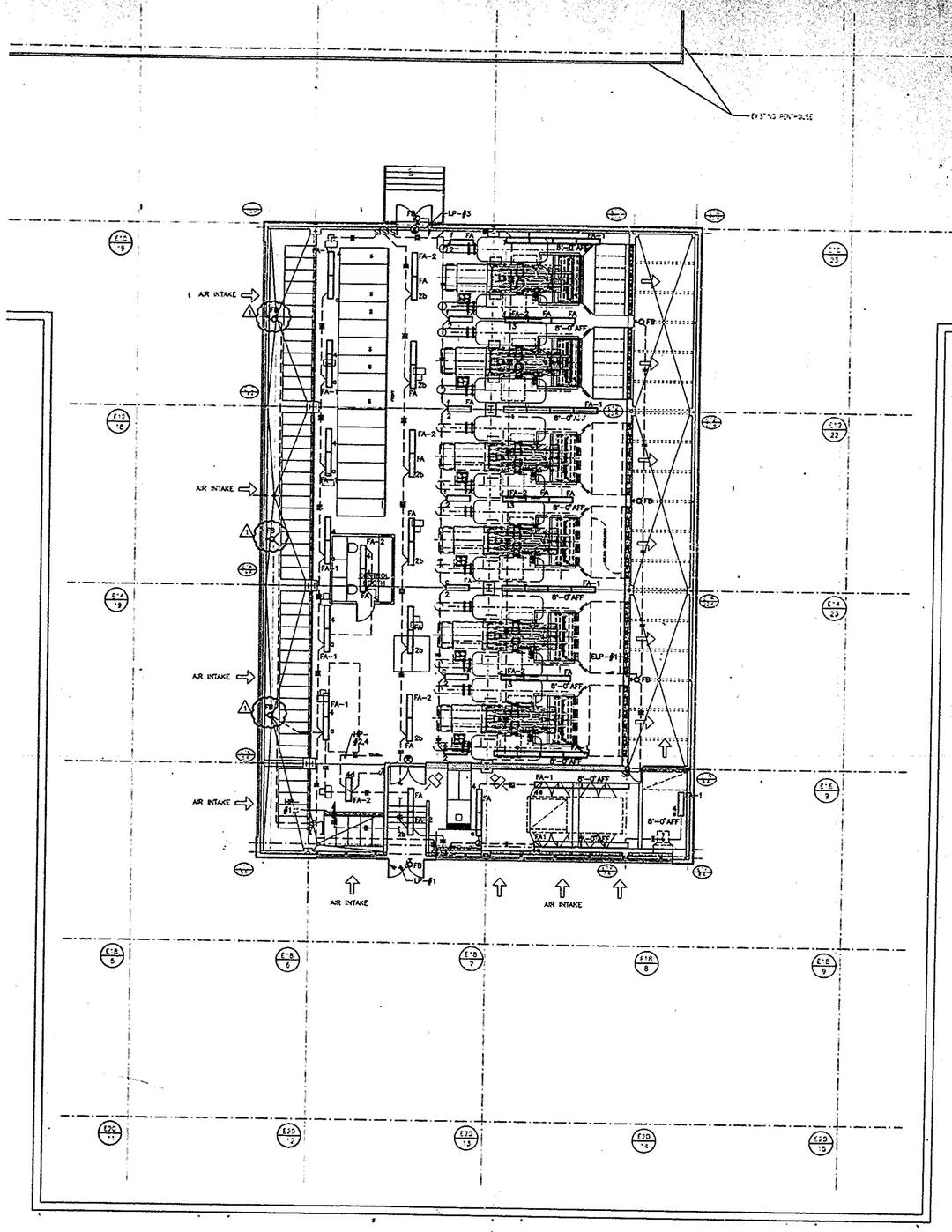


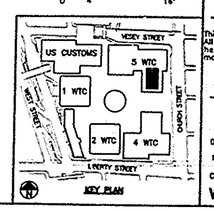
5 WTC STANDBY GENERATOR BULKHEAD
LIGHTING PLAN

NOTES:

1. LIGHTING FIXTURES AT THE ENTRANCE DOOR SHALL BE CONTROLLED WITH BUILDING LIGHTING CONTROL TIME SWITCH THRU A SINGLE POLE LOCATED AT PANEL "P".
2. FOR SYMBOL LIST SEE DWG. T1-04.
3. ALL LIGHT FIXTURES INDICATED TO BE PROVIDED WITH AN EMERGENCY BATTERY BACKUP PACK SHALL BE WIRED TO PROVIDE CONNECTION TO THE LINE SIDE OF THE LOCAL SWITCH CONTROL.

LIGHTING FIXTURE SCHEDULE

TYPE	FA
DESCRIPTION	1x4 2-LAMP GENERAL PURPOSE PENDENT MOUNTED INDUSTRIAL TYPE FLUORESCENT FIXTURE WITH REFLECTOR.
MANUFACTURER/ CATALOG NO.	LITHONIA #EJ2 48 277 ES NYC OR APPROVED EQUAL
LAMPS/VOLTAGE	(2) 38W T8 277 VOLT ELECTRONIC BALLAST
TYPE	FA-1
DESCRIPTION	1x4 1-LAMP GENERAL PURPOSE PENDENT MOUNTED INDUSTRIAL TYPE FLUORESCENT FIXTURE WITH REFLECTOR.
MANUFACTURER/ CATALOG NO.	LITHONIA #EJ1 48 277 ES NYC OR APPROVED EQUAL
LAMPS/VOLTAGE	(1) 38W T8 277 VOLT ELECTRONIC BALLAST
TYPE	FA-2
DESCRIPTION	1x4 2-LAMP GENERAL PURPOSE PENDENT MOUNTED INDUSTRIAL TYPE FLUORESCENT FIXTURE WITH REFLECTOR AND EMERGENCY BALLAST / BATTERY PACK.
MANUFACTURER/ CATALOG NO.	LITHONIA #EJ2 48 277 ES NYC OR APPROVED EQUAL
LAMPS/VOLTAGE	(2) 38W T8 277 VOLT ELECTRONIC BALLAST
TYPE	FB
DESCRIPTION	IMPACT RESISTANT, FLUORESCENT, ALL WEATHER GASKETED FIXTURE COLOR, BLACK TO MATCH PANEL
MANUFACTURER/ CATALOG NO.	HUBBEL #NRG100/500 SERIES NRC-128-4W
LAMPS/VOLTAGE	(1) 28W 120 VOLT FACTORY INSTALLED BALLASTS
TYPE	FC
DESCRIPTION	2-LAMP, EXPLOSION PROOF, MOUNTED FLUORESCENT FIXTURE WITH HEAVY-DUTY GLASS LAMP TUBES IMPACT RESISTANCE
MANUFACTURER/ CATALOG NO.	CROUSE-HINDS #EVF 22022
LAMPS/VOLTAGE	(2) 32W T8 120 VOLT ELECTRONIC BALLAST
TYPE	FC-1
DESCRIPTION	2-LAMP, EXPLOSION PROOF, MOUNTED FLUORESCENT FIXTURE WITH EMERGENCY BALLAST/BATTERY PACK
MANUFACTURER/ CATALOG NO.	CROUSE-HINDS #EVF 22022
LAMPS/VOLTAGE	(2) 32W T8 120 VOLT EMERGENCY BALLAST
TYPE	X
DESCRIPTION	EDGELIT LED EXIT LIGHT WITH 8" HIGH RED LETTERS ON CLEAR BACKGROUND. PROVIDE INTEGRAL EMERGENCY BATTERY PACK.
MANUFACTURER/ CATALOG NO.	PEACHTREE # PFT-8226-OXW OR APPROVED EQUAL
LAMPS/VOLTAGE	LED 277 VOLT
TYPE	XA
DESCRIPTION	EDGELIT EXIT LIGHT WITH 8" HIGH RED LETTERS ON CLEAR BACKGROUND. FACTORY SEALED EXPLOSION-PROOF HOUSING.
MANUFACTURER/ CATALOG NO.	CROUSE-HINDS #EXL 21A
LAMPS/VOLTAGE	(2) 60W 120 VOLT



KEY PLAN

Sheet 54 of 112

THE PORT AUTHORITY OF NY & NJ

ORIGINAL SIGNED & SEALED BY N.Y. P.E. (OR R.A.)

Joseph R. Loring & Associates Inc.
consulting engineers
One Pennsylvania Plaza
New York, New York 10119-0045
Tel: (212) 563-7400, Fax: (212) 563-7282

THE OFFICE OF DAVID ELLIOT LEBOWITZ PC
ARCHITECTS + PLANNERS
10 WEST 35TH STREET, NEW YORK NY 10018
TEL 212.643.9030 FAX 212.643.9033

LESLIE E ROBERTSON ASSOCIATES, P.L.L.P.
CONSULTING STRUCTURAL ENGINEERS
250 EAST 40TH STREET
NEW YORK, NY 10016-4809
TEL 212.682.8000 FAX 212.682.8005

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-945.071 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 11/6/98 Stephen A. Holden SPECIFICATIONS WRITER

DATE 11/6/98 P.K. Verma ENGINEER OF DESIGN

No.	Date	Revision	Approved
1	12/12/97	CHANGE TO WP FIXTURE	
	11/17/97	ISSUED FOR BID	

Engineering Department
Design Divisions

The World Trade Center

Title
STANDBY POWER
5 WORLD TRADE CENTER

ELECTRICAL

GENERATOR BULKHEAD LIGHTING PLAN

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without it's written consent.

F.F.P.	M.A.R.	
Designed by	Drawn by	Check by
Date 11/17/97	Scale AS NOTED	
Contract Number WTC-945.071	Drawing Number E2-03	